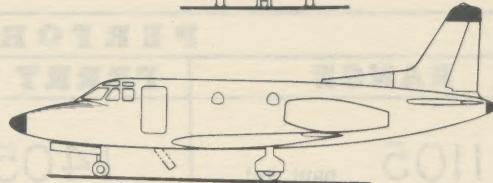
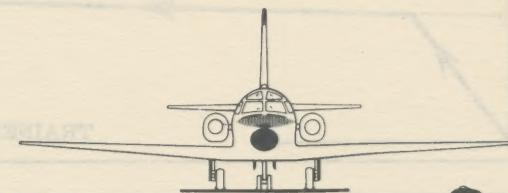


Characteristics Summary

TRAINER T - 39 A



NORTH AMERICAN

Wing Area 342.1 sq ft Length 43.8 ft

Span 44.4 ft Height 16.0 ft

A V A I L A B I L I T Y

P R O C U R E M E N T

Number available

Number to be delivered in fiscal years

ACTIVE

RESERVE

TOTAL

S T A T U S

1. First flight (UTX): Sep 58

2. First flight (T-39A): Jun 60 (est)

Navy Equivalent: None

Mfr's Model: NA-265

P O W E R P L A N T

(2) J60-P-3

Pratt & Whitney

E N G I N E R A T I O N S

S.L.S. LB - RPM - MIN

Mil: 3000 - 16,000 - 30

Nor: 2400 - 14,900 - Cont

F E A T U R E S

The primary missions of this airplane are pilot training and maintenance of flight proficiency on twin-engine jet aircraft.

Cabin pressurization

High pressure oxygen system

Leading edge wing slats

Internal auxiliary fuel tank (193 gal)

Max fuel cap: 1056 gal

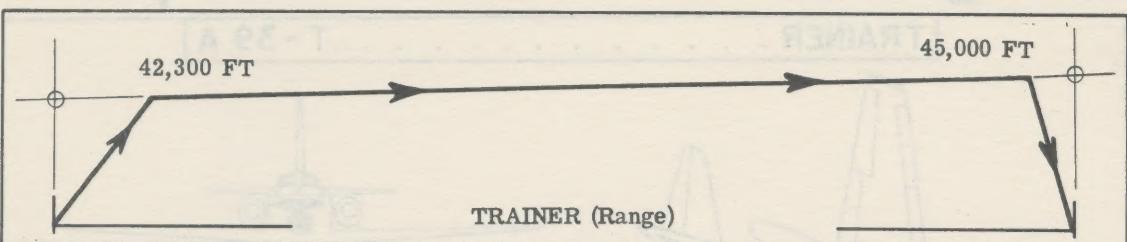
P E R S O N N E L

Crew (normal) 2

Pilot

Copilot

Passengers 4

Characteristics Summary Basic Mission T-39 A**PERFORMANCE**

RANGE	FERRY RANGE	S P E E D
1105 naut. mi with 800 lb payload at 436 knots avg. in 2.62 hours.	1405 naut. mi with 1056 gal fuel at 436 knots avg. in 3.32 hours at 17,760 lb T.O. wt.	COMBAT 470 knots at 45,000 ft alt, mil power MAX 525 knots at 16,000 ft alt, mil power BASIC 516 knots at 25,000 ft alt, mil power
CLIMB	CEILING	TAKE-OFF
5430 fpm sea level, take-off weight military power	41,600 ft 100 fpm, take-off weight military power	ground run 2310 ft no assist ft assisted
6680 fpm sea level, combat weight military power	42400 ft 500 fpm, combat weight military power	over 50 ft height 3500 ft no assist ft assisted
LOAD	WEIGHTS	STALLING SPEED
Passengers (4) 800 lb	Empty.... 9307 lb ② Combat... 13,702 lb Take - off 16,506 lb limited by mission	95.0 knots power-off, landing configuration, take-off weight
		TIME TO CLIMB
		22.2 min S.L. to 41,600 ft T.O. Wt., military power

NOTES

1. Performance Basis:
(a) Estimated data.
2. Combat weight equals take-off weight less 50% of fuel.
3. Revision Basis: Initial Issue